

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079609.D
 Acq On : 30 May 2015 18:14
 Operator : TP/IZ
 Sample : G2420-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.9(5)

Quant Time: May 31 07:18:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

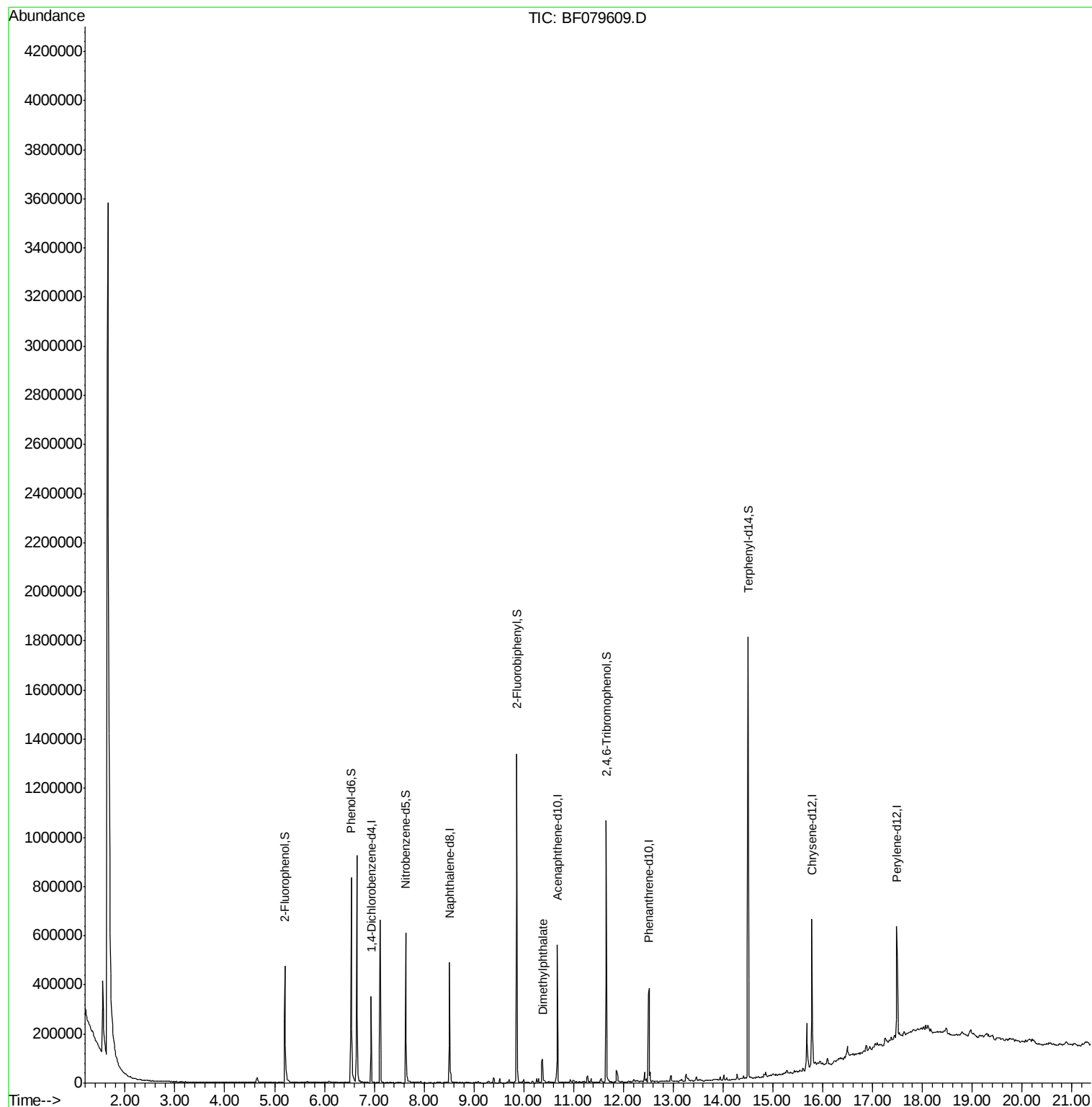
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61814	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	245907	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	114319	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	213511	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	233667	20.00	ng	-0.06
86) Perylene-d12	17.49	264	237725	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	214576	60.21	ng	-0.02
7) Phenol-d6	6.54	99	374714	82.49	ng	-0.02
23) Nitrobenzene-d5	7.63	82	210644	49.52	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	158556	126.27	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	531228	66.30	ng	-0.02
78) Terphenyl-d14	14.50	244	659861	66.27	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.38	163	59096	7.02	ng	Qvalue 99

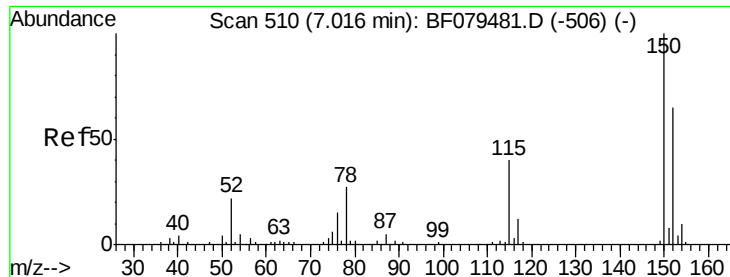
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 17:35:14 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

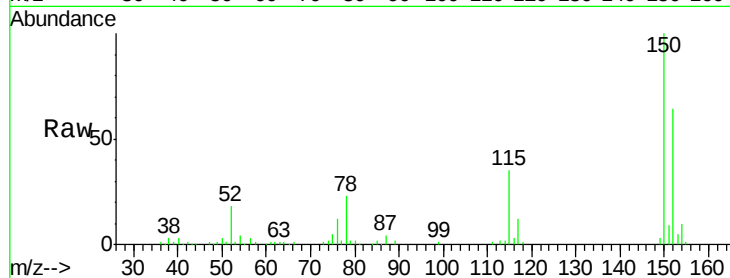
Tgt Ion:152 Resp: 61814

Ion Ratio Lower Upper

152 100

150 156.4 124.0 186.0

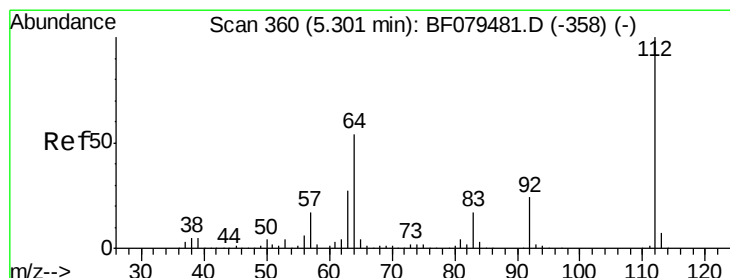
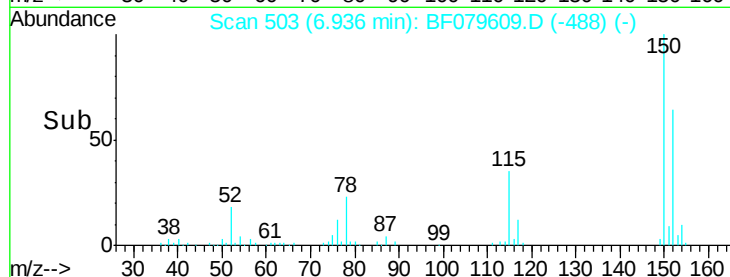
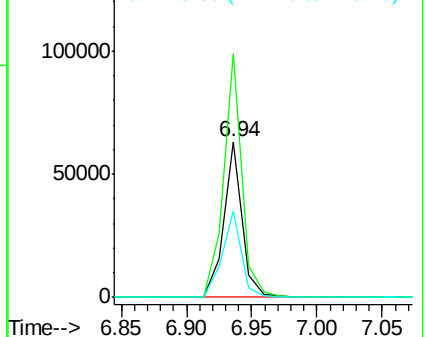
115 55.3 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 60.21 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

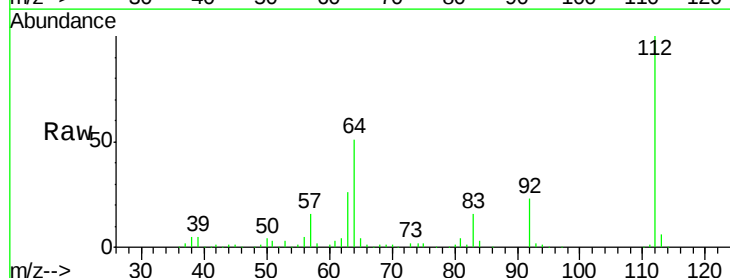
Tgt Ion:112 Resp: 214576

Ion Ratio Lower Upper

112 100

64 51.5 43.5 65.3

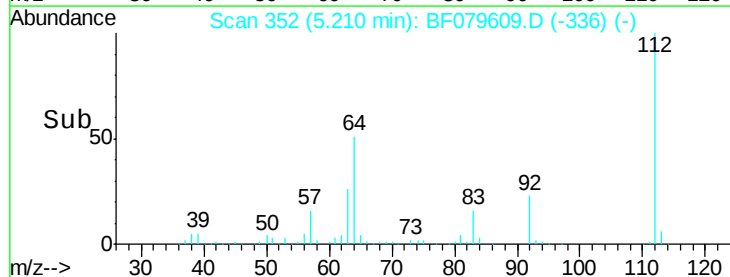
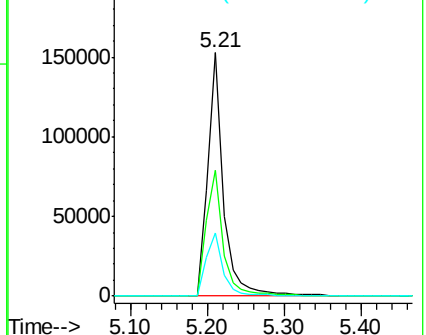
63 25.9 21.8 32.8

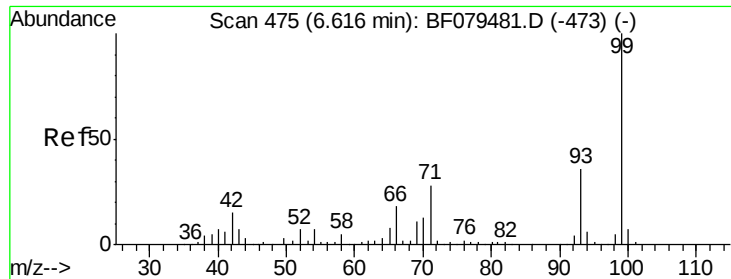


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.49 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

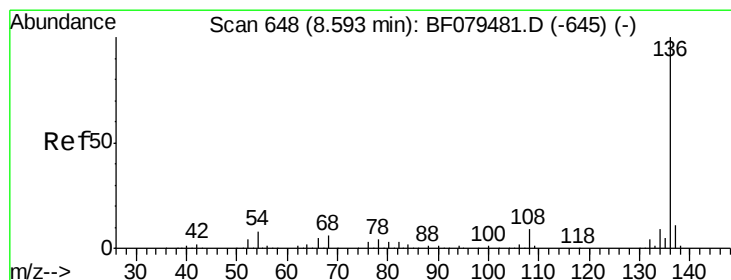
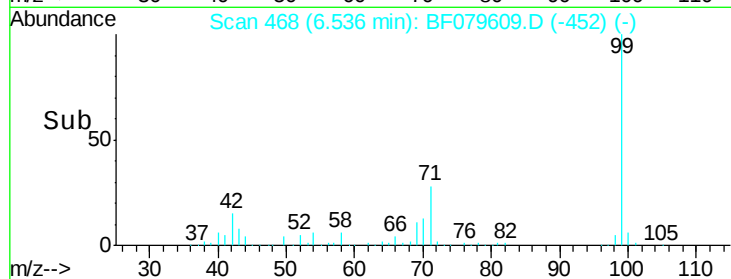
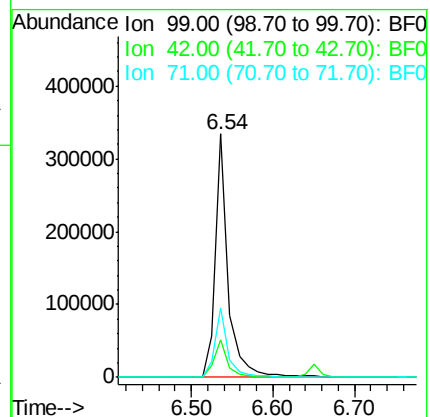
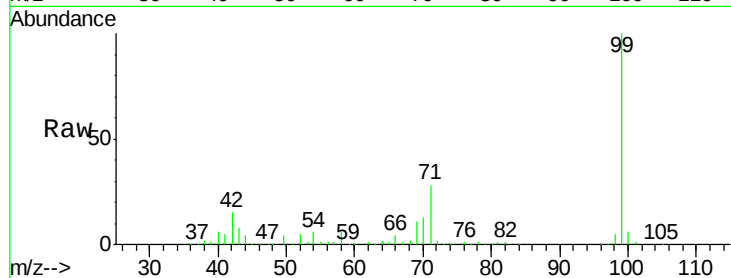
Tgt Ion: 99 Resp: 374714

Ion Ratio Lower Upper

99 100

42 15.3 11.9 17.9

71 28.5 22.1 33.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Tgt Ion: 136 Resp: 245907

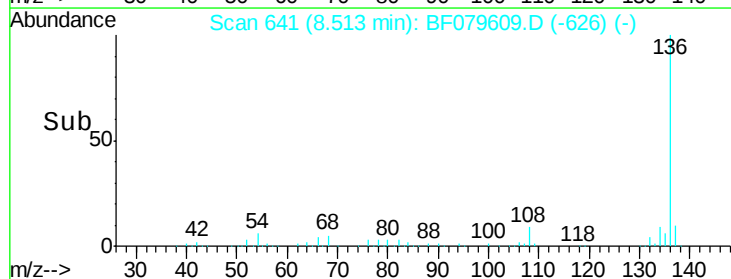
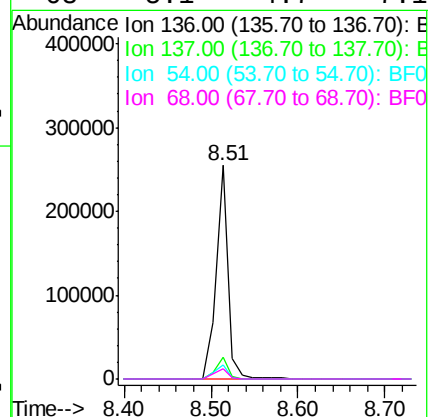
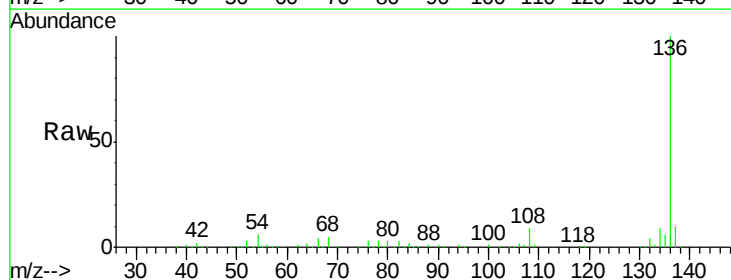
Ion Ratio Lower Upper

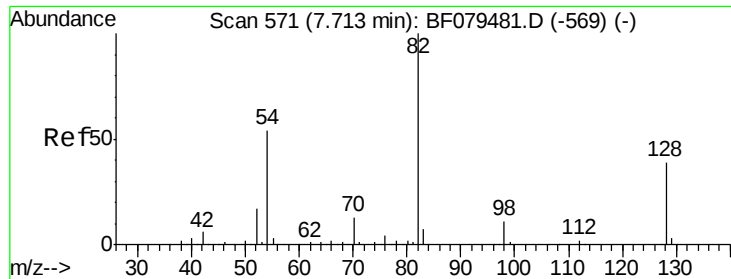
136 100

137 10.3 8.5 12.7

54 6.4 6.6 9.8#

68 5.1 4.7 7.1

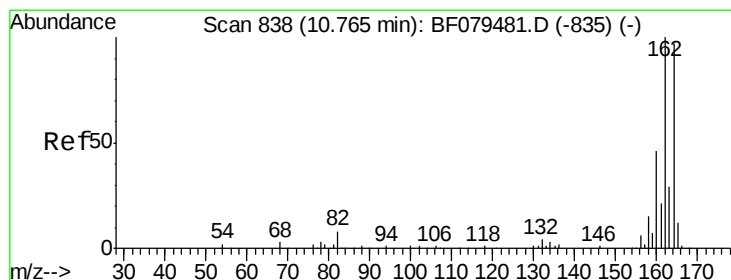
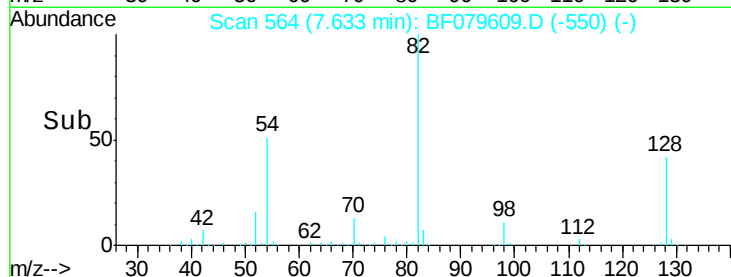
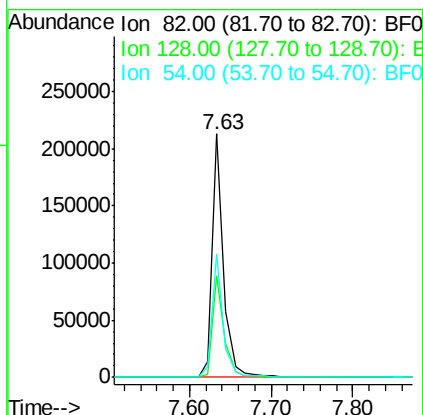
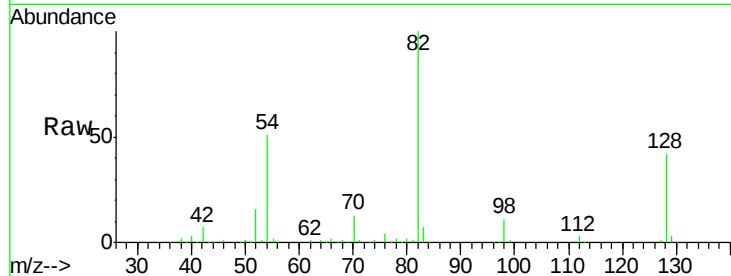




#23
 Nitrobenzene-d5
 Concen: 49.52 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

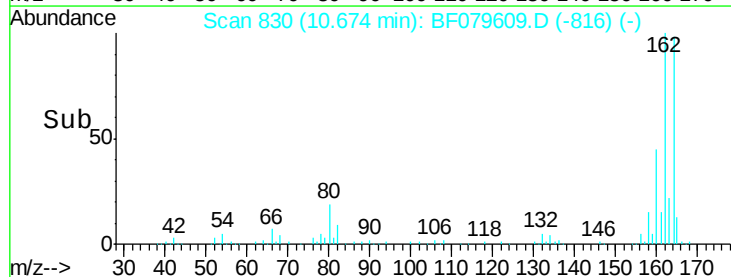
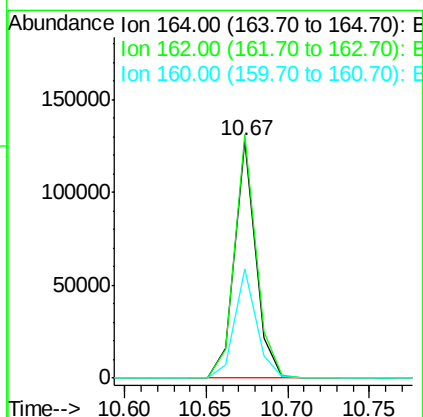
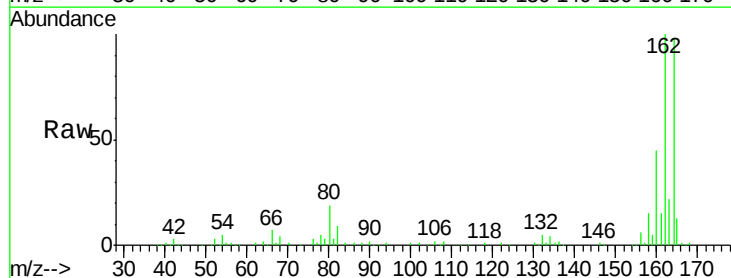
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.9(5)

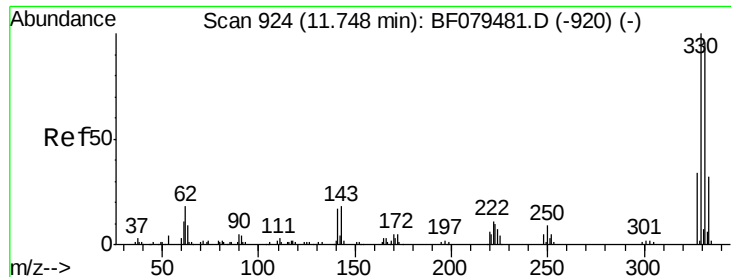
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.8	46.2
54	50.8	42.8	64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	124.0
160	45.8	37.7	56.5

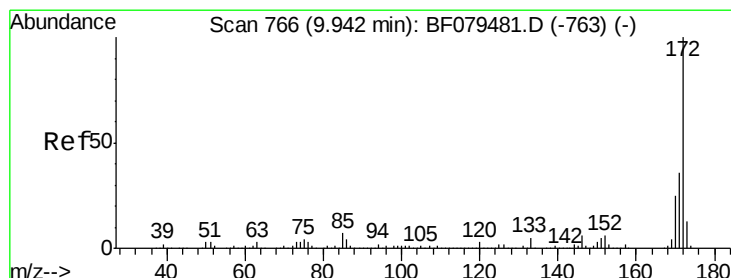
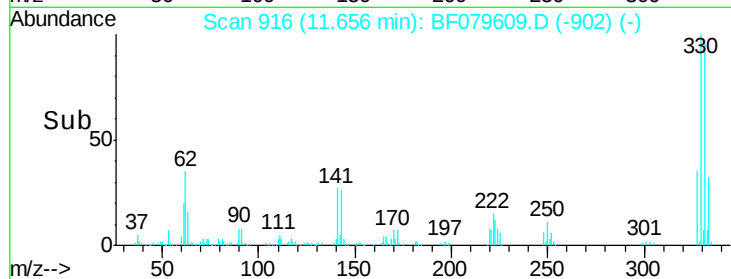
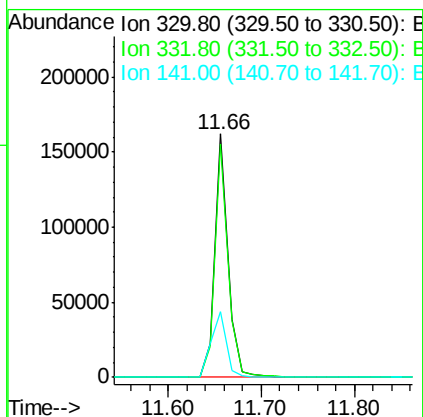
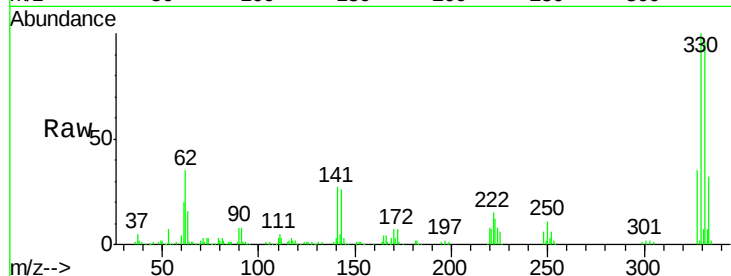




#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

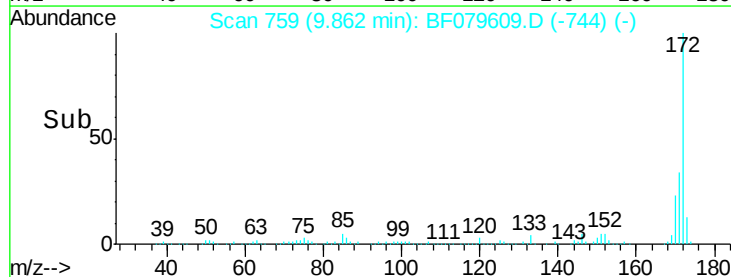
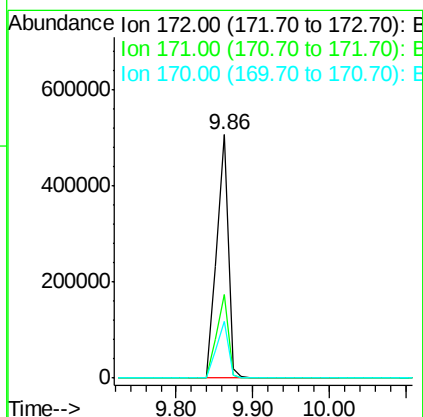
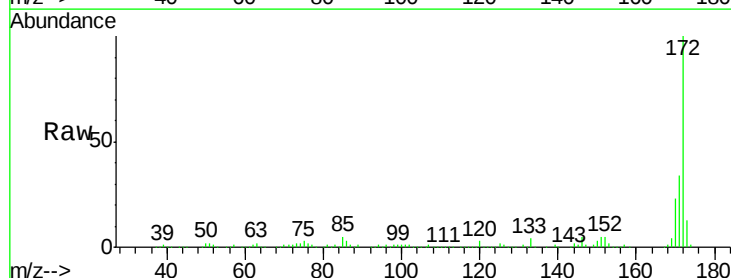
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.9(5)

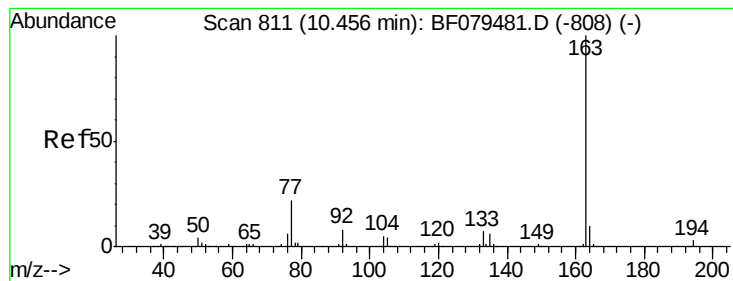
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	31.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 66.30 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.5	19.7	29.5





#49

Dimethylphthalate

Concen: 7.02 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

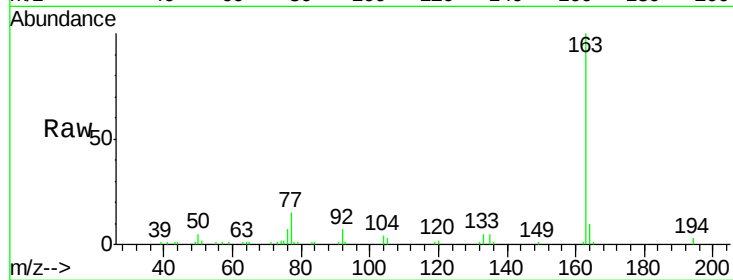
Tgt Ion:163 Resp: 59096

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

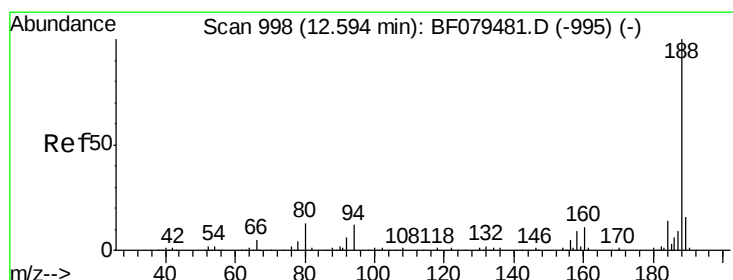
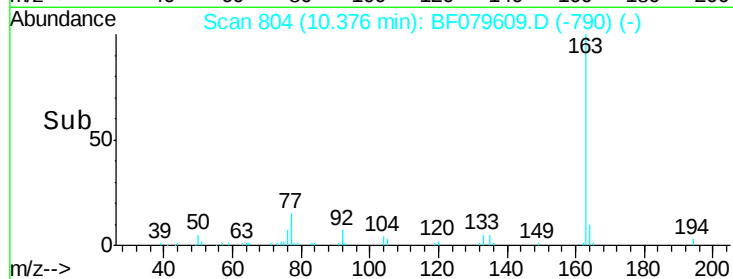
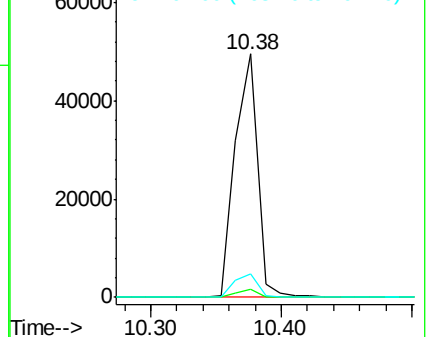
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

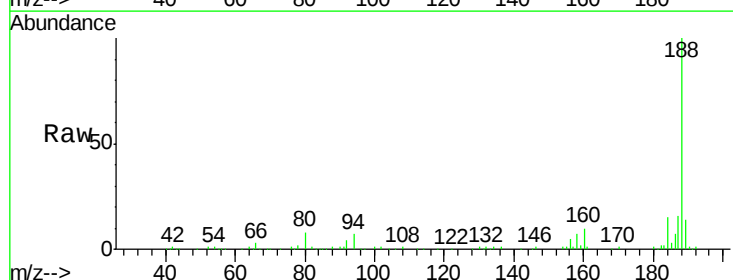
Tgt Ion:188 Resp: 213511

Ion Ratio Lower Upper

188 100

94 7.4 9.8 14.6#

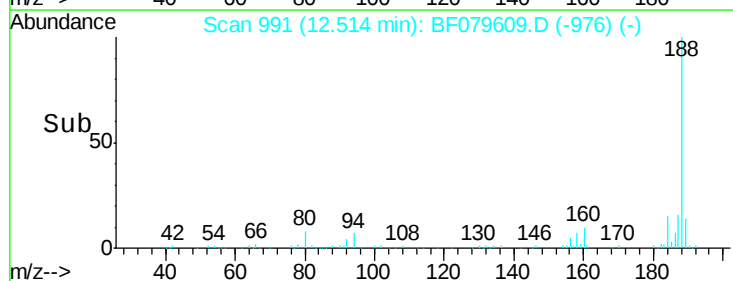
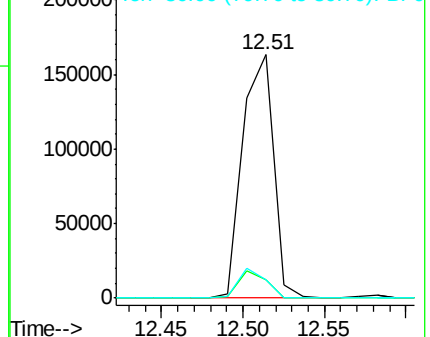
80 7.5 10.5 15.7#

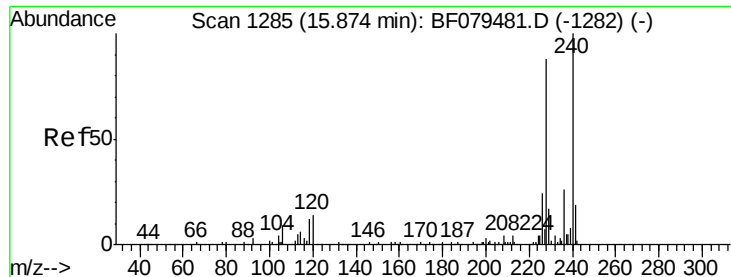


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

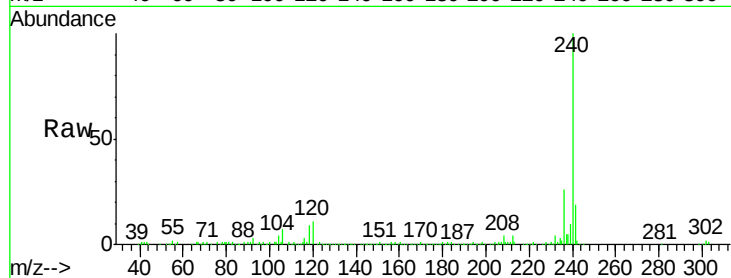
Tgt Ion:240 Resp: 233667

Ion Ratio Lower Upper

240 100

120 11.2 10.8 16.2

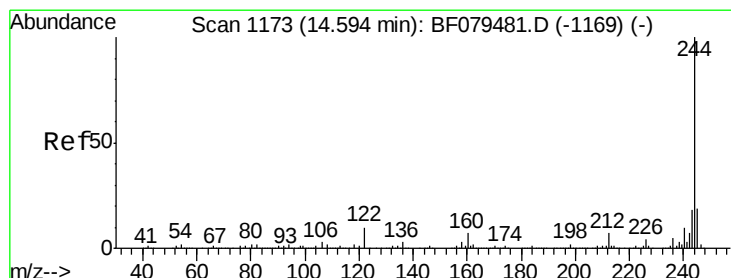
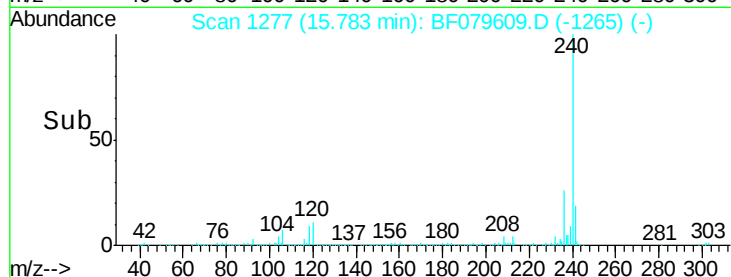
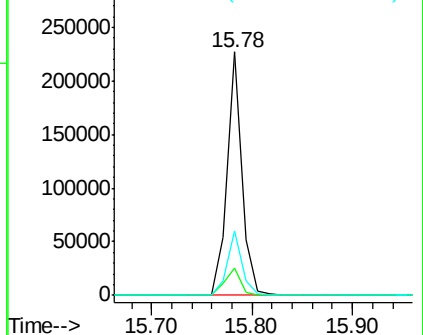
236 26.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 66.27 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

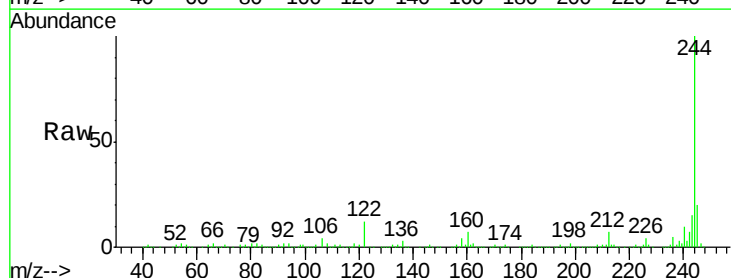
Tgt Ion:244 Resp: 659861

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

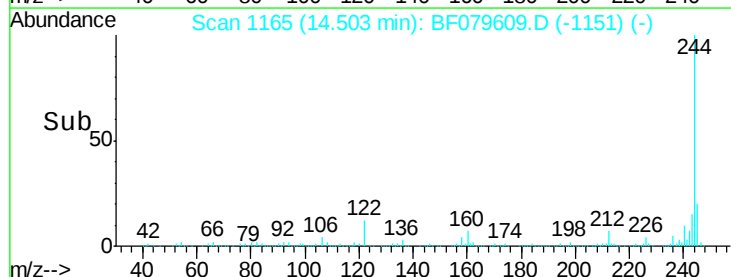
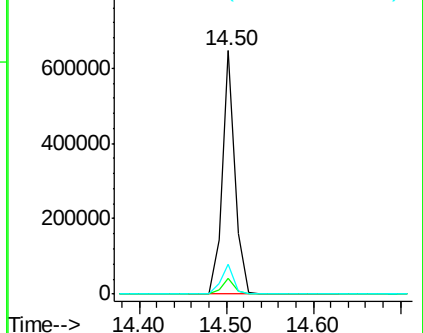
122 12.1 8.0 12.0#

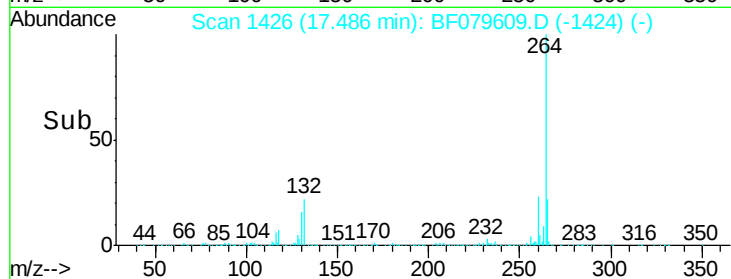
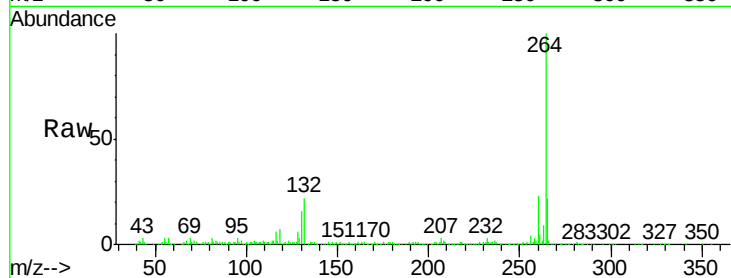
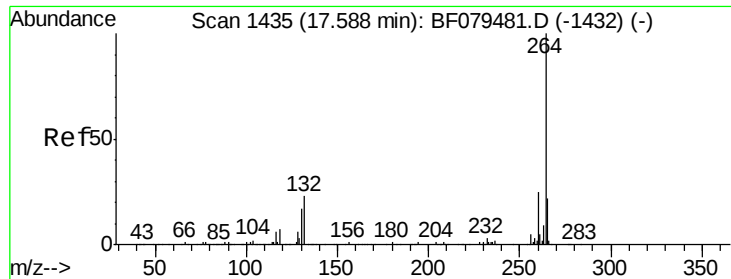


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.49 min Scan# 1426

Delta R.T. -0.18 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

Tgt Ion: 264 Resp: 237725

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.8

265 22.1 17.8 26.6

